SEQUENCE LISTING

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Gln Pro Tyr Lys Lys Ser Thr Ser Val Asn Val Phe Met Leu Asn Leu 50 55 60

Ala Ile Ser Asp Leu Leu Phe Ile Ser Thr Leu Pro Phe Arg Ala Asp 65 70 75 80

Tyr Tyr Leu Arg Gly Ser Asn Trp Ile Phe Gly Asp Leu Ala Cys Arg 85 90 95

Ile Met Ser Tyr Ser Leu Tyr Val Asn Met Tyr Ser Ser Ile Tyr Phe 100 105 110

Leu Thr Val Leu Ser Val Val Arg Phe Leu Ala Met Val His Pro Phe 115 120 125

Arg Leu Leu His Val Thr Ser Ile Arg Ser Ala Trp Ile Leu Cys Gly
130 135 140

Ile Ile Trp Ile Leu Ile Met Ala Ser Ser Ile Met Leu Leu Asp Ser

T.

Tall III. I'm I'm

145 150 155 160

Gly Ser Glu Gln Asn Gly Ser Val Thr Ser Cys Leu Glu Leu Asn Leu 165 170 175

Tyr Lys Ile Ala Lys Leu Gln Thr Met Asn Tyr Ile Ala Leu Val Val 180 185 190

Gly Cys Leu Leu Pro Phe Phe Thr Leu Ser Ile Cys Tyr Leu Leu Ile 195 200 205

Ile Arg Val Leu Leu Lys Val Glu Val Pro Glu Ser Gly Leu Arg Val 210 225 220

Ser His Arg Lys Ala Leu Thr Thr Ile Ile Ile Thr Leu Ile Ile Phe 225 230 235 240

Phe Leu Cys Phe Leu Pro Tyr His Thr Leu Arg Thr Val His Leu Thr 245 250 255

Thr Trp Lys Val Gly Leu Cys Lys Asp Arg Leu His Lys Ala Leu Val \$260\$ \$270\$

Ile Thr Leu Ala Leu Ala Ala Ala Asn Ala Cys Phe Asn Pro Leu Leu 275 280 285

Tyr Tyr Phe Ala Gly Glu Asn Phe Lys Asp Arg Leu Lys Ser Ala Leu 290 295 300

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1				5					10					15		
ato	gaa	cca	aat	aac	acc	ttc	age	aat	aac	aac	agc	agg	aac	tac	aca	96
_	_						~		Asn		-			_		,
			20	-				25				-	30	-		
	-			_	•	_			cca Pro		~		-			144
116	GIU	35	FILE	гур	Arg	GIU	40	rne	FIO	TTE	Val	45	Leu	TTE	116	
ttt	ttc	tgg	gga	gtc	ttg	gga	aat	ggg	ttg	tcc	ata	tat	gtt	ttc	ctg	192
Phe		Trp	Gly	Val	Leu		Asn	Gly	Leu	Ser		Tyr	Val	Phe	Leu	
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Gln	Pro	Tyr	Lys	Lys	Ser	Thr	Ser	Val	Asn	Val	Phe	Met	Leu	Asn	Leu	
65					70					75					80	
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_			-		-			_	acg Thr					-	_	200
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			_						ttt		-	-	_	-		336
тут	Tyr	Leu	Arg	GTÀ	ser	Asn	Trp	11e	Phe	GLY	Asp	Leu	Ala 110	Cys	Arg	
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att	atg	tct	tat	tcc	ttg	tat	gtc	aac	atg	tac	agc	agt	att	tat	ttc	384
Ile	Met	Ser	Tyr	Ser	Leu	Tyr	Val	Asn	Met	Tyr	Ser	Ser	Ile	Tyr	Phe	
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ر ر		_		_	acc Thr 150	_			-	-				_		480
		2 3			atc Ile	_	_				-		_	_	_	528
2 2			-		ggc Gly	-	-			_			_			576
			_	~	ctg Leu	_		_				~	_			624
	-	•	-		ttt Phe				_		-		-	_		672
		_			aaa Lys 230			_		_	-		-		-	720
		2 2	-	- ·	ctg Leu							_				768
	_	_		_	ccc Pro				_			-		_	-	816
					tta Leu											864
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			-		gag Glu 310			_	-	-		_		-		960

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Ile Glu Asn Phe Lys Arg Glu Phe Phe Pro Ile Val Tyr Leu Ile Ile 35 40 45

Phe Phe Trp Gly Val Leu Gly Asn Gly Leu Ser Ile Tyr Val Phe Leu 50 55 60

Gln Pro Tyr Lys Lys Ser Thr Ser Val Asn Val Phe Met Leu Asn Leu 65 70 75 80

Tyr Tyr Leu Arg Gly Ser Asn Trp Ile Phe Gly Asp Leu Ala Cys Arg 100 105 110

Ile Met Ser Tyr Ser Leu Tyr Val Asn Met Tyr Ser Ser Ile Tyr Phe 115 120 125

Leu Thr Val Leu Ser Val Val Arg Phe Leu Ala Met Val His Pro Phe 130 135 140

Arg Leu Leu His Val Thr Ser Ile Arg Ser Ala Trp Ile Leu Cys Gly
145 150 155 160

Ile Ile Trp Ile Leu Ile Met Ala Ser Ser Ile Met Leu Leu Asp Ser 165 170 175

Ser His Arg Lys Ala Leu Thr Thr Ile Ile Ile Thr Leu Ile Ile Ile Ile Ing																
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Thr Trp Lys Val Gly Leu Cys Lys Asp Arg Leu His Lys Ala Leu V 280  The Thr Leu Ala Leu Ala Ala Ala Ash Ash Ash Cys Phe Ash Pro Leu Lys Tyr Phe Ala Gly Glu Ash Phe Lys Asp Arg Leu Lys Ser Ala Leu Ala Lys Asp Arg Leu Lys Ser Ala Lys Ala Lys Asp Arg Leu Lys Ser Ala Lys Ala Lys Asp Arg Leu Lys Ser Ala Lys Ala Lys Asp Arg Leu Lys Ser Ala Lys Ala Lys Asp Arg Leu Lys Ser Ala Lys Ala Lys Asp Arg Lys Ala	Ser	His	Arg	Lys		Leu	Thr	Thr	Ile		Ile	Thr	Leu	Ile		Ph∈
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290 295 300  Tyr Tyr Phe Ala Gly Glu Asn Phe Lys Asp Arg Leu Lys Ser Ala L	Thr	Trp	-	Val	Gly	Leu	Cys	_	Asp	Arg	Leu	His	-	Ala	Leu	Val
	Ile		Leu	Ala	Leu	Ala		Ala	Asn	Ala	Cys		Asn	Pro	Leu	Leu
	_	Tyr	Phe	Ala	Gly		Asn	Phe	Lys	Asp	_	Leu	Lys	Ser	Ala	Leu 320

Arg Lys Gly His Pro Gln Lys Ala Lys Thr Lys Cys Val Phe Pro Val

330

335

Ser Val Trp Leu Arg Lys Glu Thr Arg Val \$340\$

325